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PN - JP9319530 A 19971212
PD - 1997-12-12
PR - JP19960152912 19960527
OPD - 1996-05-27
TI - PRINTER DRIVER
IN - FUJIMOTO ATSUSHI
PA - FUJI XEROX CO LTD
IC - G06F3/12 ; B41J29/38

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TI - Driver for printer with various page description languages interpretation function - has data generator which produces output data expressing printing data in chosen optimum page description language for printer that uses selected page description language for control

PR - JP19960152912 19960527

PN - JP9319530 A 19971212 DW199809 G06F3/12 016pp

PA - (XERF) FUJI XEROX CO LTD

IC - B41J29/38 ;G06F3/12

AB - J09319530 The printer driver (13) has a decision unit (3) that determines the characteristic of a printing data. A selector (5) chooses an optimum page description language from various page description languages based on the output of the decision unit.

- The selected page description language is used by a printer (14) for control. A data generator (2) produces the output data which express the printing data in the chosen page description language.
- ADVANTAGE - Ensures high image quality when using printer corresponding to several page description languages due to automatic selection of suitable page description language based on data forwarding efficiency or amount of data processings.
- (Dwg.1/10)

OPD - 1996-05-27

AN - 1998-091775 [09]

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AB - PROBLEM TO BE SOLVED: To automatically select the most suitable page description language(PDL) on the side of a printer driver by judging the feature of print data, selecting the optimum PDL type out of plural kinds of PDL and preparing output data expressing the print data in the selected PDL.

- SOLUTION: When a data type decided by a data deciding part3 is reported to a PDL selecting part 5, at the PDL selecting part 5, any type of PDL having ability for expressing the print data is selected while referring to a PDL ability table 6. When any specified PDL type can be determined, the feature of that PDL is reported to a PDL part 2 and its generating processing is instructed. When plural PDL types are left as candidates, at the PDL selecting part 5, the sum of predictive PDL time and data transfer time is found from result data in the past corresponding to the data type of print data concerning the plural candidate PDL types while referring to a data base 7 and the PDL type candidate, for which the estimated time is minimum, is selected and determined.

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